

Ottawa County Road Commission

14110 Lakeshore Drive
P.O. Box 739
GRAND HAVEN, MI 49417
Phone (616) 842-5400 Fax (616) 850-7237

August 10, 2016

Ms. Ivana Nujic
6967 36th Avenue
Hudsonville, MI 49426

Dear Ms. Nujic:

As requested the Ottawa County Road Commission has conducted a speed survey on 36th Avenue between Port Sheldon Street and Baldwin Street to determine if the statewide 55 mph speed limit should be modified.

The road commission accepts state police procedures for setting speed limits that are based on national and local traffic engineering studies. Enclosed is information concerning the establishment and safety elements of speed limits which provide the basis for the state police procedures. You will note that the process is based on traffic safety considerations and changing the numbers on speed limit signs will typically not increase or decrease prevailing speeds.

Radar speed surveys (copies enclosed) were conducted August 5, 2016 on the segment of 36th Avenue between Port Sheldon Street and Baldwin Street. The speed survey results indicate 85th percentile speeds of 54.9 and 56.0 mph which are consistent with the unposted 55 mph speed limit as well as previous speed surveys. A review of 2015 crash records (most recent year for crash information from the state police) for the study segment indicated four reported crashes three of which involved inclement weather conditions.

Based on the 85th percentile speeds and crash history review, lowering the 55 mph speed limit is not warranted at this time. Thank you for bringing this concern to our attention. If you have and questions or comments regarding the review process or findings, please contact me at 850-7220.

Sincerely,



Fred Keena
Traffic Engineer

Enclosures

Cc: Mr. Dan Carlton, Georgetown Township Manager

OTTAWA COUNTY ROAD COMMISSION RADAR SPEED SURVEY

STA A

TWP: Georgetown

DAY

LOC: 36th Avenue 0.3 mi N of Port Sheldon St.

WEATH: Cloudy, 80 deg.

Friday

DATE: 08/05/2016

TIME: 8:05 - 8:55A

BY: Corey Merkins

SPEED	N BD	S BD	TRUCKS	BUSES	FREQUENCY	PERCENT	SPEED	MPHxF
25					0	-	25	0
26					0	-	26	0
27					0	-	27	0
28					0	-	28	0
29					0	-	29	0
30					0	-	30	0
31					0	-	31	0
32					0	-	32	0
33					0	-	33	0
34					0	-	34	0
35					0	-	35	0
36					0	-	36	0
37					0	-	37	0
38					0	-	38	0
39					0	-	39	0
40			1		1	0.7	40	40
41					0	0.7	41	0
42					0	0.7	42	0
43					0	0.7	43	0
44	1				1	1.5	44	44
45	11	3			14	11.9	45	630
46					0	11.9	46	0
47	1	3			4	14.9	47	188
48	1	8	1		10	22.4	48	480
49	5	5			10	29.9	49	490
50	12	5	4		21	45.5	50	1050
51	2	5			7	50.7	51	357
52	7	17			24	68.7	52	1248
53		2			2	70.1	53	106
54	3				3	72.4	54	162
55	3	15	1		19	86.6	55	1045
56		1			1	87.3	56	56
57	1	2			3	89.6	57	171
58	3	3			6	94.0	58	348
59		2			2	95.5	59	118
60					0	95.5	60	0
61		1			1	96.3	61	61
62		1			1	97.0	62	62
63					0	97.0	63	0
64	1	3			4	100.0	64	256
65					0	100.0	65	0
66					0	100.0	66	0
67					0	100.0	67	0
68					0	100.0	68	0
69					0	100.0	69	0
70					0	100.0	70	0
71					0	100.0	71	0
72					0	100.0	72	0
73					0	100.0	73	0
74					0	100.0	74	0
75					0	100.0	75	0
TOTALS	51	76	7	0	134			6912

UNPOSTED 55 MPH
PACE =

AVG. =
46 MPH TO

51.6 MPH
56 MPH

85% =
MAX. =

54.9 MPH
64 MPH

OTTAWA COUNTY ROAD COMMISSION RADAR SPEED SURVEY

STA B

DAY

Friday

LOC: 36th Avenue 0.3 mi S of Baldwin St.

DATE: 08/05/2016

TIME: 9:20 - 10:05A

TWP: Georgetown

WEATH: Cloudy, 80 deg.

BY: Corey Merkins

SPEED	N BD	S BD	TRUCKS	BUSES	FREQUENCY	PERCENT	SPEED	MPHxF
25					0	-	25	0
26					0	-	26	0
27					0	-	27	0
28					0	-	28	0
29					0	-	29	0
30					0	-	30	0
31					0	-	31	0
32					0	-	32	0
33					0	-	33	0
34					0	-	34	0
35					0	-	35	0
36					0	-	36	0
37					0	-	37	0
38					0	-	38	0
39					0	-	39	0
40	1				1	0.7	40	40
41					0	0.7	41	0
42					0	0.7	42	0
43		1			1	1.4	43	43
44					0	1.4	44	0
45	2	2	2		6	5.5	45	270
46		1			1	6.2	46	46
47		2			2	7.5	47	94
48	8	1			9	13.7	48	432
49	5	3			8	19.2	49	392
50	15	15	4		34	42.5	50	1700
51		6			6	46.6	51	306
52	4	6	2		12	54.8	52	624
53	6	5			11	62.3	53	583
54		4			4	65.1	54	216
55	9	15			24	81.5	55	1320
56	4	1			5	84.9	56	280
57	3	2			5	88.4	57	285
58	1	5			6	92.5	58	348
59	3				3	94.5	59	177
60	1	2			3	96.6	60	180
61					0	96.6	61	0
62					0	96.6	62	0
63		2			2	97.9	63	126
64		1			1	98.6	64	64
65					0	98.6	65	0
66		2			2	100.0	66	132
67					0	100.0	67	0
68					0	100.0	68	0
69					0	100.0	69	0
70					0	100.0	70	0
71					0	100.0	71	0
72					0	100.0	72	0
73					0	100.0	73	0
74					0	100.0	74	0
75					0	100.0	75	0
TOTALS	62	76	8	0	146			7658

UNPOSTED 55 MPH
PACE =

AVG. =
47 MPH TO

52.5 MPH
57 MPH

85% =
MAX. =

56.0 MPH
66 MPH